

Abstract

The present invention eliminates undesirable image defects caused during the preparation of pages for printing and folding, known as the bottling process. This is achieved by analyzing image characteristics, sorting out the image according to its characteristics, where necessary vectoring and editing the vectored characteristics, and finally completing the file conversion from a raster image to a Page Description Language (PDL) image. A first embodiment of the invention divides an image into small segments. A second embodiment of the invention enlarges existing image segments. A third embodiment of the invention enlarges existing image segments and sorts image segments according to their color attribute of transparency. A fourth embodiment of the invention divides a part of an image segment to small segments.

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